

§5. Study and Filing of Documents in the Planning Phase of the Fusion Energy Research Projects

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The JAEA (Japan Atomic Energy Agency) keeps a lot of materials, which includes valuable documents on the important meetings and related information in the initial stage of the Japan fusion activities, through the successful JT-60 national project and up to the implementation of the international project of ITER. These materials were originally owned by three originators, Professor K.Yamamoto, Drs. S.Mori, and M.Yoshikawa, and later given to the Japan Atomic Energy Research Institute (JAERI). They have been stocked in the several storage rooms in the JAEA Naka or Tokai site. Both Prof. K.Yamamoto and Dr. S.Mori held vice president post of the JAERI and M.Yoshikawa held the President post of the JAERI and they led not only the JAERI fusion activities but entire Japan fusion energy research and development activities as well. As a result of discussion between the JAEA and NIFS archive members, importance is strongly recognized to classify and filling these materials in a programmatic manner as the NIFS archive stile, because they should be efficiently used by the researchers as records or for the study on fusion research and development history.

Before the start of the work, it was confirmed that

- 1) Belonging of the property of materials is not changed by this collaboration work.
- 2) Final goal of the system is planned to be used by the researchers who want to study history. For this purpose, the filling classification system should follow NIFS style as much as possible.
- 3) For documentation, the same software should be used for registration.

And the preparation was started in JAEA such as working office, documentation computer server, scanner, copy machine, special carton box, ravel etc. The materials stoked at various places in Naka and in Tokai sites of JAEA have been transported and accumulated in one working office in Naka site.

In FY 2011, the work was started from the materials owned by the Prof. K.Yamamoto. It was estimated to be about 10 carton boxes equivalent. The materials start from 1950s, but the most important may be between the age of arguments on the so-called “B-program” in the late 1950s and the era of construction and operation of the JT-60, one of the largest tokamak in the world. Prof. K.Yamamoto has played a vital role for this national project. Information and advices from Dr. T.Ohkawa and S.Yoshikawa whose influence were enormous were also included. Dr. S.Mori’s

report is estimated to be about 40 boxes equivalent, which will be planned in the Next FY.

For numbering purpose, a structure of materials of Prof. K.Yamamoto was made at first. By the beginning of January 2012, about 320 materials were registered by the computer and filed in the carton box, namely, about 3/4 of the total materials owned by Prof. K.Yamamoto has been complete. (NIFS11KVXP014)